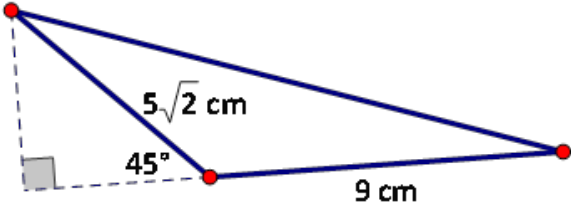
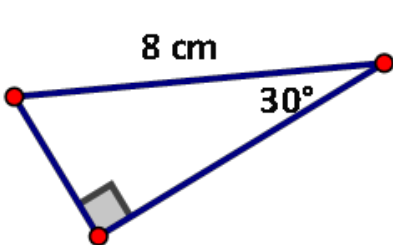


Review
GMD.1
Perimeter and Area

Determine the area of the following triangles.



a) $8\sqrt{3}$ cm²

b) 22.5 cm²

An isosceles triangle has a leg length of 8 cm and a base length of 4 cm.

What is the perimeter of the triangle?

- A. 20 cm B. 16 cm C. 12 cm D. Not Enough Info

A

If the radius of a square is $10\sqrt{2}$ cm, then the area is:

- A. 50 cm^2 B. 100 cm^2 C. 400 cm^2 D. 1600 cm^2

C

The perimeter of a rectangle has been measured.
Which of the following could represent that perimeter?

- A. 24 cm^2 B. $5\sqrt{7} \text{ in}$ C. 67 in^3
D. 125 cm^2

B

A rectangle has a length of 5 cm and a width of 3 cm, then the perimeter is:

- A. 8 cm B. 13 cm C. 15 cm D. 16 cm

D

If the length is 3 times longer than the width in a rectangle with an area of 36 cm^2 , what is the width?

- A. 3 cm B. $2\sqrt{2}$ cm C. $2\sqrt{3}$ cm D. 4 cm

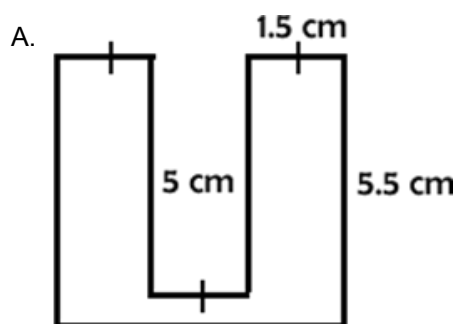
C

Find the requested length for the given regular polygon.

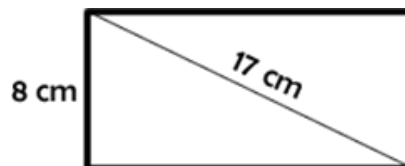
Find the radius of a square with side $8\sqrt{2}$ cm.

b) 8 cm

Determine the perimeter of the following figures.
(Lines that appear to be perpendicular are perpendicular.)



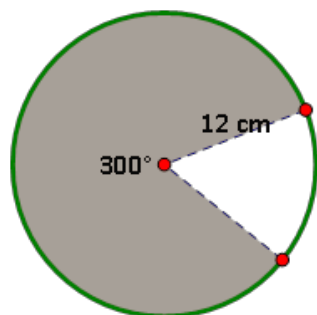
B.



a) 30 cm

b) 46 cm

Determine the area of the shaded circle sector.



$$120\pi\text{ cm}^2$$

Rectangle is to Circle as Perimeter is to _____ :

- A. Area B. Curve C. Circumference D. Pi

C.

How many diameters will fit around the circumference of a circle?

A. 2

B. 3

C. π

D. 2π

B

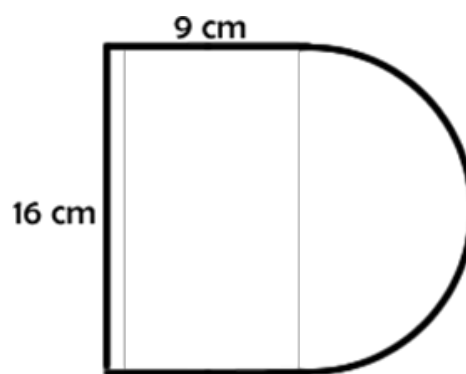
Determine the missing information.

a) $C = 16$ cm b) $r = 5\sqrt{2}$ cm

d = _____ (E) d = _____

a) $\frac{16}{\pi}$ cm b) $10\sqrt{2}$ cm

Determine the area of the following figures.
(Lines that appear to be perpendicular are perpendicular and lines that appear to be parallel are.)



$$144 + 32\pi \text{ cm}^2$$

Find the area of each regular polygon.

Square with an apothem of $4\sqrt{2}$ cm

128 cm²

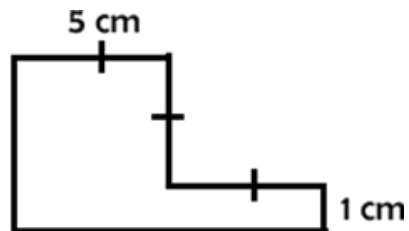
The hypotenuse of a 60° right triangle is 12 cm, then the area of the triangle is:

- A. 18 cm^2 B. 36 cm^2
C. $18\sqrt{3} \text{ cm}^2$ D. $36\sqrt{3} \text{ cm}^2$

C

Determine the area of the following figures.

(Lines that appear to be perpendicular are perpendicular and lines that appear to be parallel are.)



b) 160 cm^2

c) 35 cm^2

A trapezoid with bases of 2 cm and 8 cm has an area of 50 cm^2 , what is the height of the trapezoid?

- A. 2.5 cm B. 5 cm C. 7.5 cm D. 10 cm

D

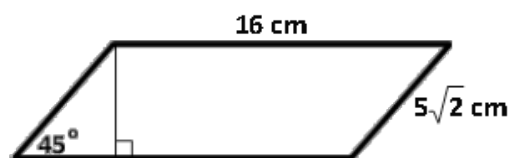
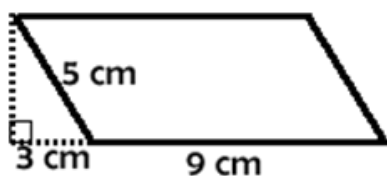
The radius of a regular hexagon is:

- A. the hypotenuse of a 30° right triangle
- B. the long leg of a 30° right triangle
- C. the hypotenuse of a 45° right triangle
- D. the short leg of a 30° right triangle

A

Determine the area of the following figures.

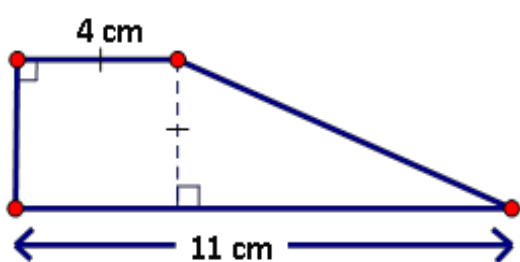
(Lines that appear to be perpendicular are perpendicular and lines that appear to be parallel are.)



b) 36 cm^2

c) 80 cm^2

Determine the area of the following trapezoids.



a) 30 cm^2

